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	Application Number 10/810,232	
	Filing Date March 26, 2004	
TRANSMITTAL FORM	First Named Inventor Ryan Rifkin	
(to be used for all correspondence during pendency of filed application)	Group Art Unit Number 2641	
	Examiner Name Not Yet Known	
Total Number of Pages in This Submission 7*	Attorney Docket Number 23085-07809	
ENCLOSURES	S (check all that apply)	
Fee Transmittal Form (in duplicate) Check Enclosed Return Receipt Postcard Response to Notice to File Missing Parts Assignment & Recordation Cover Sheet Declaration Power of Attorney Application Data Sheet Information Disclosure Statement & PTO/SB/08A Copies of IDS Cited References Request for Corrected Filing Receipt Request for Correction of Recorded Assignment Amendment/Response: [] Page(s) After Final Status Request Revocation and Substitute Power of Attorney REMARKS: * No. of pages does not includes pages of	Issue Fee Transmittal Letter to Chief Draftsperson Formal Drawing(s): [] Sheet(s) of Figure(s) [] Appeal Communication to Board of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Certified Copy of Priority Document(s) After Allowance Communication to Group	
SIGNATURE O	F ATTORNEY OR AGENT	
Signature:		
Attorney/Reg. No.: Hector J. Ribera/Reg. No. 54,3	97 Dated: 10/25/200	4
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

LICANI.

Ryan Rifkin

APPLICATION NO.:

10/810,232

FILING DATE:

March 26, 2004

TITLE:

Speaker Recognition Using Local Models

EXAMINER:

Not Yet Known

GROUP ART UNIT:

2641

ATTY. DKT. NO.:

23085-07809

CERTIFICATE OF MAILING

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Hector J. Ribera, Reg. No.: 54,397

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SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

\boxtimes	within three months of the filing date of the application, or date of entry into
	the national stage of an international application, or before the mailing date of
	a first office action on the merits, whichever event last occurred;
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	continued examination (RCE) under 37 CFR § 1.114;
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date of	the first	t official action on the merits, whichever event last occurred, but					
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37 CFR	R §1.113	3; or (2) an action that otherwise closes prosecution in the					
application, and:							
	attache	ed hereto is the fee set forth under 37 CFR §1.17(p) for					
	submi	ssion of this Information Disclosure Statement under 37 CFR.§					
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		each item of information contained in this Information					
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		a foreign patent office in a counterpart foreign application not					
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		to the knowledge of the person signing this certification after					
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on or l	before th	he payment of the issue fee but after the mailing date of the first					
to occ	ur of eit	ther: (1) a final action under 37 CFR § 1.113; (2) a notice of					
allowa	ince und	der 37 CFR § 1.311; or (3) an action that otherwise closes					
prosec	ution in	n the application, and:					
	Applic	cant certifies pursuant to 37 CFR. § 1.97(e) that:					
		each item of information contained in this Information					
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		foreign patent office in a counterpart foreign application not					
		more than three months prior to the filing of this Statement;					
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		under 37 Cr R § 1.50(c) more than three months prior to the
		filing of this Statement; AND
		attached hereto is the fee set forth under 37 CFR §1.17(p) for
		submission of this Information Disclosure Statement under 37 CFR.§
		1.97(c); OR
		after the payment of the issue fee. Applicant requests that the information
		contained in this Information Disclosure Statement be placed in the file
		according to 37 CFR § 1.97(i), although the information may not be
		considered by the USPTO.
		Enclosed is a copy of each listed reference that may be material to the examination of
		this application, and for which there may be a duty to disclose.
		This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior
	_	application No, filed on, and the references cited therein are hereb
		referenced, but are not required to be provided in this application under 37 CFR §
		1.98(d).
	\boxtimes	This application was filed after June 30, 2003. Therefore, pursuant to the waiver of
		the requirements under 37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each
		U.S. Patent Application Publication are not required to be submitted. Copies of any
		foreign patent documents and non-patent literature cited herein are enclosed.
	П	Each item of information contained in this Information Disclosure Statement was
		cited in a communication from a foreign patent office in a counterpart application,
		and the communication was not received by any individual designated in 37 CFR §
		1.56(c) more than thirty days prior to the filing of this Information Disclosure
		Statement. 37 CFR § 1.704(d).
	\boxtimes	Applicant submits that no fee is required for the consideration of this Information
		Disclosure Statement.
	Consid	deration of the listed references and favorable action are solicited.
		Respectfully submitted,
		RYAN RIFKIN
		led be se
Dated:	Ucl	object 25, 2004 By: MMDGT
		Hector J. Ribera, Reg. No.: 54,397
		Fenwick & West LLP Silicon Valley Center
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Substitute for form 1449A/PTO Complete if Known **Application No.** 10/810,232 INFORMATION DISCLOSURE Filing Date March 26, 2004 STATEMENT BY APPLICANT First Named Inventor Ryan Rifkin Art Unit 2641 **Examiner Name** Not Yet Known of 3 Attorney Docket Number 23085-07809 Sheet

			U.S. PATENT DOC	JMENTS	
		Document No.			
Examiner Initials*	Cite No.1	Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		US-			
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			FOREIGN PATENT D	OCUMENTS	
		Foreign Patent Document			
Examiner Initials*	Cite No.1	Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

		OTHER REFERENCES - NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T [®]
	C1	Douglas A. Reynolds, "Automatic speaker recognition using gaussian mixture models," <i>The Lincoln Laboratory Journal</i> , vol. 8, no. 2, pp. 173-912, 1975.	
	C2	Kevin R. Farrell, Richard J. Mammone, and Khaled T. Assaleh, "Speaker recognition using neural networks and conventional classifiers," <i>IEEE Transactions on Speech and Audio Processing</i> , vol. 2, no. 1, pp. 194-205, 1994.	
	C3	Nathan Smith and Mahesan Niranjan, "Data-dependant kernels in SVM classification of speech patterns," Tech. Rep. CUED/FINFENG/TR.387, Cambridge University Engineering Department, 2001, 4 pages	
	C4	William M. Campbell and Khaled T. Assaleh, "Polynomial classifier techniques for speaker verification," in <i>Proceedings of the International Conference on Acoustics, Speech, and Signal Processing</i> , 1999, pp. 321-324.	

Examiner Signature	/Justin Rider/	Date Considered	11/20/2008

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	Substitute for f	orm 1449/	VPTO		Complete if Known	
INEO		ישוח ו	CLOSURE	Application No.	10/810,232	
				Filing Date	March 26, 2004	
STATEMENT BY APPLICANT				First Named Inventor	Ryan Rifkin	
				Art Unit	2641	
				Examiner Name	Not Yet Known	
Sheet	2	of	3	Attorney Docket Number	23085-07809	

		OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	C5	William M. Campbell, "Generalized linear discriminant sequence kernels for	
	1	speaker recognition," in Proceedings of the International Conference on	
		Acoustics, Speech, and Signal Processing, 2002.	
	C6	E. Parzen, "On estimation of a probability density function and mode,"	
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	C7	Vladimir N. Vapnik, Statistical Learning Theory, John Wiley & Sons, 1998,	
		pp. 308-315; 401-412; 421-425; 430-434; 484-496.	
	C8	Ryan M. Rifkin, Everything Old Is New Again: A Fresh Look at Historical	
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		Technology, 2002.	
	C9	Michael E. Tipping, "Sparse Bayesian learning and the relevance vector	
		machine," Journal of Machine Learning Research, vol. 1, pp. 211-244, 2001	
	C10	Jerome H. Friedman, Jon Louis Bentley, and Raphael A. Finkel, "An	
		algorithm for finding best matches in logarithmic expected time," ACM	
		Transactions on Mathematical Software, vol. 3, no. 3, pp. 209-226, 1977.	
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		queries," in <i>Proceedings of the 17th Annual ACM Symposium on the Theory</i>	
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	C13	S. Meiser, "Point location in arrangements of hyperplanes," Information and	
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	C14	R. L. Sproull, "Refinements to nearest-neighbor searching in k-dimensional	
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	C15	P. Indyk and R. Motwani, "Approximate nearest neighbors: towards	
		removing the curse of dimensionality," in <i>Proceedings of the 30th Annual</i>	
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	C16	Eyal Kushilevitz, Rafael Ostrovsky, and Yuval Rabani, "Efficient search for	

Examiner Signature /Justin Rider/ Date Considered 11/20/2008
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^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

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	Substitute for	form 1449A/PT	0		Complete if Known	
INI	FORMATION	ו חופרו	OSLIDE	Application No.	10/810,232	
				Filing Date	March 26, 2004	
STATEMENT BY APPLICANT				First Named Inventor	Ryan Rifkin	
				Art Unit	2641	
				Examiner Name	Not Yet Known	
Sheet	3	of	3	Attorney Docket Number	23085-07809	

		OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazin journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		
		approximate nearest neighbors in high dimensional spaces," in		
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	C18	David M. Mount, and S. Arya, "ANN: A Library for Approximate Nearest Neighbor Searching," 2 nd Annual Fall Workshop on Computational Geometry (submitted) September 10, 1997		
	C19	George R. Doddington, Mark A. Przybocki, Alvin F. Martin, and Douglas A. Reynolds, "The NIST speaker recognition evaluation – overview, methodology, systems, results, perspective," <i>Speech Communication</i> , vol. 31, no. 2-3, pp. 225-254, 2000.		
	C20	Leon Bottou and Vladimir Vapnik, "Local learning algorithms," <i>Neural Computation</i> , vol. 4, pp. 888-900, 1992.		
	C21	V. Vapnik and L. Bottou, "Local algorithms for pattern recognition and dependencies estimation," <i>Neural Computation</i> , vol. 5, pp. 893-909, 1993.		
	C22	David M. Mount, "ANN: A Library for Approximate Nearest Neighbor Searching," Version 0.2 (Beta release) online at http://www.cs.umd.edu/~mount/ANN/ (June 24, 1998)		

Examiner Signature	/Justin Rider/	Date Considered	11/20/2008

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